



BEFORE THE
PUBLIC SERVICE COMMISSION OF WISCONSIN

Application of Madison Gas and Electric Company for Authority to
Change Electric and Natural Gas Rates

3270-UR-115

FINAL DECISION

This is the Final Decision regarding the application of Madison Gas and Electric Company (MGE or applicant) to reopen docket 3270-UR-115, in order to update certain costs and establish new electric rates for 2009.

A rate decrease in the amount of \$2.7 million, a 0.74 percent annual decrease, is authorized for electric operations for the 2009 test year.

Introduction

On May 7, 2007, MGE filed an application with the Commission requesting authority to change its electric and natural gas rates on January 1, 2008. On December 14, 2007, the Commission issued a *Final Decision* in this docket that established rates for service beginning January 1, 2008, a forecast of fuel costs, and the appropriate fuel cost monitoring level including variance ranges. The *Final Decision* also authorized MGE to request a reopening of this docket limited to the following items: (1) monitored fuel rules costs; (2) Elm Road Generating Station (ERGS) payments and other operation and maintenance (O&M) expenses resulting from ERGS Unit 1 becoming operational in 2009; (3) an updated American Transmission Company, LLC (ATC) Network Service Fee; (4) the accrual of carrying costs at the weighted cost of capital, for future environmental upgrades at the Columbia Energy Center (Columbia) upon the Commission's approval of the upgrades, until the effective date of the *Final Decision* in MGE's

Docket 3270-UR-115

next full rate case; and (5) a review of MGE's rate design to provide price signals for reducing greenhouse gas emissions.

On May 30, 2008, MGE filed an application requesting a limited scope reopener to adjust electric rates in the amount of \$25,460,000 (a 6.99 percent increase) beginning January 1, 2009, for the following items:

1. Electric fuel costs monitored under fuel rules for 2009;
2. ERGS lease payments, O&M costs, and carrying costs in 2009;
3. An update of the ATC Network Service Fee for 2009; and
4. A potential update of the 2009 O&M costs associated with Columbia environmental activities that were not in MGE's 2008 rates.

On August 22, 2008, MGE lowered the amount requested from \$25,460,000 to \$12,275,000 (a 3.37 percent increase). In addition, MGE requested to add a pension and supplemental retirement cost update as a reopener item. On September 11, 2008, MGE provided an update to the pension and supplemental retirement cost information, increasing its overall requested increase in electric rates to \$12,856,000 (a 3.53 percent increase). Also on September 11, 2008, International Brotherhood of Electrical Workers (IBEW) Local 2304 requested that the 2009 revenue requirement be adjusted for increased expenses related to comprehensive workforce planning.

On August 26, 2008, a prehearing conference was held to determine the issues that would be addressed in this docket and to establish a schedule for the hearing. A hearing was held in this proceeding on October 2, 2008, in Madison. The issues in this docket are:

1. What is the appropriate level of test year monitored fuel costs?
2. What is the appropriate level of ERGS costs?

3. Should the forecast of Network Transmission Services costs be updated to reflect ATC's fall cost update?
4. What are the appropriate revenue allocation and rate design to collect the increased costs identified in this reopener?
5. Should increased pension and post-retirement medical costs be included in revenue requirement?
6. Should increased comprehensive workforce planning expenses be included in the revenue requirement?

MGE filed a brief on October 16, 2008. IBEW Local 2304 filed a reply brief on October 23, 2008.

Findings of Fact

1. It is reasonable to allow MGE to decrease its rates for Wisconsin retail electric service in the amount of \$2.7 million to reflect reduced test year fuel costs and ERGS-related costs.
2. It is reasonable to maintain, for test year 2009, the revenue requirements established for test year 2008 in the Commission's *Final Decision* of December 14, 2007.
3. It is reasonable in this proceeding to reduce monitored fuel costs by approximately \$12,887,000 to reflect the New York Mercantile Exchange (NYMEX) natural gas futures strip as of November 14, 2008.
4. Fuel cost adjustments that decrease test year fuel costs by \$10,204,000 from MGE's filed level are reasonable.
5. A test year fuel rules cost of monitored fuel of \$123,239,000 is reasonable.
6. It is reasonable to monitor fuel costs using the following ranges: (1) plus or minus 8 percent monthly; (2) cumulative monthly ranges of plus or minus 8 percent for the first

month, plus or minus 5 percent for the second month, and plus or minus 2 percent for the remaining months of the year; and (3) plus or minus 2 percent for the annual range.

7. It is reasonable to authorize the impact of the later ERGS projected start date and to defer for future return to ratepayers any delay damages that MGE recovers under the facility lease, net of any external incremental costs of recovering such damages.

8. It is reasonable to reduce the ATC Network Service Fee costs by a total of \$756,000. This amount includes deferred refunds for 2008 totaling \$468,000.

9. It is reasonable to deny current recovery of estimated increased 2009 pension costs for the electric utility, but approve deferral accounting for both the natural gas and electric utilities, with carrying costs at the short-term debt rate.

10. It is reasonable not to adjust the 2009 revenue requirement for increased expenses related to comprehensive workforce planning.

11. It is reasonable to approve the rates for electric service and the test year forecasted customer class changes in revenue as shown in Appendix B.

Conclusions of Law

The Commission concludes that it has jurisdiction under Wis. Stat. §§ 1.11, 1.12, 196.02, 196.025, 196.03, 196.19, 196.20, 196.21, 196.37, 196.374, 196.395, and 196.40 and Wis. Admin. Code chs. PSC 113, 116, and 134, to enter an order authorizing MGE to place in effect the rates for electric service set forth in Appendix B, subject to the conditions specified in this Final Decision.

Such rates for electric service in Appendix B are reasonable and appropriate as a matter of law.

Opinion

Applicant and Its Business

MGE is a public utility, as defined in Wis. Stat. § 196.01(5), operating as an electric and natural gas utility in Wisconsin. MGE is engaged in the production, transmission, distribution, and sale of electric energy to approximately 137,000 retail customers in Madison and the surrounding area in Dane County, and in the purchase, transportation, distribution, and sale of natural gas to approximately 138,000 customers in Madison and the surrounding area in Dane County, as well as in Columbia, Crawford, Iowa, Juneau, Monroe, and Vernon Counties. MGE is an operating subsidiary of MGE Energy, a holding company based in Madison, Wisconsin.

Fuel Costs

Commission staff based its estimate of natural gas-fired and purchased power costs on NYMEX natural gas futures prices that were more current than those used in MGE's filing, and proposed various adjustments which decreased the electric fuel costs from MGE's forecasted amount by approximately \$10,204,000. On November 19, 2008, MGE filed a delayed exhibit reflecting decreased fuel costs of \$12,887,000 resulting from updating the NYMEX natural gas futures strip from the August 13, 2008, futures strip used by Commission staff, to the November 14, 2008, futures strip, which was the most recent available mid-month NYMEX natural gas futures strip. It is reasonable to reflect the effect of this delayed exhibit in 2009 monitored fuel costs. The Commission also considers Commission staff's fuel cost adjustments, which decrease test year monitored fuel costs by \$10,204,000 from MGE's filed level, to be reasonable.

A reasonable test year level of monitored fuel costs is \$123,239,000, which reflects the cost of generation and purchased energy, less the revenues from opportunity sales of energy and capacity. This test year fuel cost, divided by the test year estimate of native energy requirements of 3,483,170 per megawatt-hour, results in an average net monitored fuel cost per kilowatt-hour of \$0.03538.

Any cost for purchased capacity that is required to meet reserve requirements is excluded from monitored fuel rules costs and may only be adjusted in a full rate case. Firm transmission associated with excluded capacity purchases, fuel and ash handling, and sulfur dioxide allowance costs are excluded as well. Appendix C shows the monthly fuel costs to be used for monitoring purposes.

It is reasonable to monitor MGE's fuel costs using the following ranges: (1) plus or minus 8 percent monthly; (2) cumulative monthly ranges of plus or minus 8 percent for the first month, plus or minus 5 percent for the second month, and plus or minus 2 percent for the remaining months of the year; and (3) plus or minus 2 percent for the annual range.

The method of applying these ranges, established in prior Commission decisions for MGE, shall continue to be used and applied, using the data in Appendix C for monitoring fuel costs.

ERGS Lease Payments and Other Expenses

MGE originally requested an increase for 2009 of approximately \$3.5 million based on an assumed commercial operation date for ERGS Unit 1 of September 1, 2009. The projected start date later changed to December 29, 2009, causing MGE to withdraw its request for an ERGS-related increase in 2009. The non-fuel effect of the new start date was to change a

\$3.5 million increase in ERGS-related costs to a \$1.0 million decrease in costs, a net reduction of \$4.5 million in ERGS-related revenue requirement. The fuel cost effect of this delay was to increase MGE's fuel costs by approximately \$5.3 million. It is uncertain at this time whether MGE may be entitled to delay damages pursuant to the ERGS facility lease. The uncertainty stems from the fact that the contractor has indicated the delay is due, at least in part, to severe weather over the past two years. Under the facility lease, MGE would not be entitled to delay damages if the delay is due to a *force majeure* event.

Due to the uncertainty regarding whether MGE may be entitled to damages as a result of the later start date, MGE shall defer for future return to ratepayers any delay damages recovered under the facility lease, net of any external incremental costs of recovering such damages.

ATC Network Transmission Service Costs

At the time of MGE's original reopener filing, ATC projected its Network Service Fee for 2009 to be \$521,000 higher than the amount approved in this docket for 2008. During 2008, however, MGE received a 2007 refund of \$143,000 and a \$325,000 reduction in the capital expense estimate for 2008. MGE proposed to return these two amounts to ratepayers as an offset against the anticipated increase of \$521,000. The net effect was an increase of \$54,000, which MGE offered to forgo. On October 1, 2008, ATC updated its estimate of the fee for the upcoming year. The updated estimate for 2009 is a reduction of \$288,000 compared to the amount in rates for 2008. It is appropriate, therefore, to reduce the ATC Network Service Fee by \$756,000 for 2009. This reduction includes deferred refunds for 2008 totaling \$468,000.

Pension and Post-Retirement Medical Costs

In 2007, in the original base rate case, MGE asked that increased pension and supplemental retirement costs be included in the reopener for 2009. The Commission, however, denied MGE's request and did not identify this topic as an issue in its December 14, 2007, *Final Decision*. MGE renewed its request in this reopener.

At the time of hearing, MGE estimated the 2009 total company increase in pension costs to be in the range of \$1,877,000 to \$3,577,000, with the most likely scenario being an increase of \$2,816,000. The electric utility's portion of these increased costs was estimated to be \$1,802,000. This estimate was based on an assumed long-term return on assets of 8.5 percent and represents an increase of \$908,000 between the time of MGE's original filing on this issue and its supplemental filing on September 11, 2008.

MGE requested current recovery in 2009 of increased pension and supplemental retirement costs for only the electric utility. Because the Commission did not reopen this docket to examine the rates of the natural gas utility, MGE requested deferral accounting treatment for the natural gas portion of such increased costs. As a second option, if the Commission did not grant current recovery of the electric portion, MGE requested deferral accounting for both the electric and natural gas operations. While deferral accounting for both electric and natural gas operations was an option, MGE maintained that current recovery would "smooth out" rate increases for customers.

MGE provided a further update of pension and retirement costs in Delayed Exhibit 12. The update in Delayed Exhibit 12 was based on actual results and conditions as of September 30, 2008, and October 31, 2008. Delayed Exhibit 12 showed that, based on pension asset valuation

and discount rates as of September 30, 2008 and October 31, 2008, MGE estimated increased pension and retirement costs of \$2,452,000 and \$2,568,000 for the electric utility, respectively, and \$1,379,000 and \$1,445,000 for the natural gas utility, respectively.

The record does not justify inclusion of the estimated increased pension and post-retirement medical costs in the 2009 revenue requirement. In particular, there were questions with respect to MGE's funding obligations and the potential effects of the proposed amendment of the Federal Pension Protection Act of 2006. The losses experienced on MGE's pension assets meet the standards for deferral: they are a "once in a lifetime" event, material, and outside of the control of the utility. Accordingly, the Commission authorizes deferral accounting treatment, with carrying costs at the short-term debt rate, for the increased 2009 pension and post-retirement medical costs of both MGE's electric and natural gas utilities.

Comprehensive Workforce Planning Expenses

IBEW Local 2304 requested that the Commission include additional expenses in the revenue requirement sufficient to meet the comprehensive workforce planning challenges facing MGE. IBEW Local 2304 urges the Commission to recognize: (a) the need to hire ahead and authorize "above normal" staffing in this labor force transition period, (b) the need for the utility to be able to do its core utility work and staff accordingly to do that work (this can be accomplished, in most cases, without additional revenue), and (c) the need for the utility to engage the community through scholarships, career education, and recruitment programs. IBEW Local 2304 maintains that all of these are fundamental components of a comprehensive workforce plan and the necessary expenses should be included in the revenue requirement.

In the original record in this docket, MGE testified that the amount Commission staff proposed to include in rates for comprehensive workforce planning activities would be sufficient for 2008 and 2009. In this reopener, MGE asserted that if increased amounts were needed for this purpose in 2009, the company would have requested them.

The record does not conclusively indicate whether the Commission needs to increase MGE's revenue requirement to cover any increased costs of comprehensive workforce planning. Because it is MGE's position that sufficient amounts were included in revenue requirement in the base case to cover these costs, MGE should continue to report to the Commission with respect to its progress on this issue. MGE's management should also evaluate whether any cost savings resulting from replacing outside contractors with permanent employees could offset any increased comprehensive workplace planning costs.

Electric Revenue Allocation

The appropriate allocation for the type of costs originally included in this reopener, based on the cost-of-service used in the base case, is a combination of energy and coincident demand. MGE's revised and Commission staff's electric revenue allocations are similar. The differences between the proposals are small, with percentage increases generally varying by less than 0.3 percent per customer class if based on the same revenue requirement. Although MGE originally requested an increase in its electric revenue requirement, the final revenue requirement is a slight decrease. The Commission finds that a relatively uniform revenue allocation based on the Commission staff proposal is reasonable and that no rate class should receive an increase.

Electric Rate Design

MGE's current electric rates include the base rates authorized in the December 14, 2007, Commission *Final Decision* in docket 3270-UR-115 and the interim fuel surcharge authorized in the May 5, 2008, Commission order in docket 3270-FR-102. Both MGE's revised and Commission staff's rate design proposals included increasing the energy charges while maintaining the customer and demand charges at current levels. Because the revenue requirement has slightly decreased, lowering some of the energy charges and incorporating the fuel surcharge into the new base rates is appropriate. The Commission finds that the electric rate changes shown in Appendix B reasonably reflect the forecasted fuel and purchased power costs.

Order

1. This Final Decision shall be effective on January 1, 2009, when the rate increase becomes effective. MGE shall file the authorized rates with the Commission and place copies in all offices and pay stations prior to January 1, 2009.

2. MGE may substitute, for its existing rates for electric service, the rate changes contained in Appendix B. These changes shall be in effect until the issuance of an order by the Commission establishing new rates.

3. MGE shall prepare bill inserts that properly identify the rates authorized in this Final Decision. MGE shall distribute these inserts to customers with the first billing containing the rates authorized in this Final Decision and shall file copies of these inserts with the Commission before it distributes the inserts to customers.

4. The fuel costs in Appendix C shall be used for monthly monitoring of MGE's fuel costs, pursuant to Wis. Admin. Code ch. PSC 116.

5. MGE shall defer any refunds from ATC associated with its Network Service Fees until the refunds can be returned to ratepayers.

6. MGE shall defer any delay damages recovered under the ERGS facility lease, net of any external incremental costs, until the amount recovered can be returned to ratepayers.

7. MGE shall defer increased 2009 pension costs for both the natural gas and electric utilities.

8. In all other respects, the *Final Decision* issued in this docket on December 14, 2007, remains in effect without change.

9. Jurisdiction is retained.

Dated at Madison, Wisconsin, December 18, 2008

By the Commission:



Sandra J. Paske
Secretary to the Commission

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See attached Notice of Rights

PUBLIC SERVICE COMMISSION OF WISCONSIN
610 North Whitney Way
P.O. Box 7854
Madison, Wisconsin 53707-7854

**NOTICE OF RIGHTS FOR REHEARING OR JUDICIAL REVIEW, THE
TIMES ALLOWED FOR EACH, AND THE IDENTIFICATION OF THE
PARTY TO BE NAMED AS RESPONDENT**

The following notice is served on you as part of the Commission's written decision. This general notice is for the purpose of ensuring compliance with Wis. Stat. § 227.48(2), and does not constitute a conclusion or admission that any particular party or person is necessarily aggrieved or that any particular decision or order is final or judicially reviewable.

PETITION FOR REHEARING

If this decision is an order following a contested case proceeding as defined in Wis. Stat. § 227.01(3), a person aggrieved by the decision has a right to petition the Commission for rehearing within 20 days of mailing of this decision, as provided in Wis. Stat. § 227.49. The mailing date is shown on the first page. If there is no date on the first page, the date of mailing is shown immediately above the signature line. The petition for rehearing must be filed with the Public Service Commission of Wisconsin and served on the parties. An appeal of this decision may also be taken directly to circuit court through the filing of a petition for judicial review. It is not necessary to first petition for rehearing.

PETITION FOR JUDICIAL REVIEW

A person aggrieved by this decision has a right to petition for judicial review as provided in Wis. Stat. § 227.53. The petition must be filed in circuit court and served upon the Public Service Commission of Wisconsin within 30 days of mailing of this decision if there has been no petition for rehearing. If a timely petition for rehearing has been filed, the petition for judicial review must be filed within 30 days of mailing of the order finally disposing of the petition for rehearing, or within 30 days after the final disposition of the petition for rehearing by operation of law pursuant to Wis. Stat. § 227.49(5), whichever is sooner. If an *untimely* petition for rehearing is filed, the 30-day period to petition for judicial review commences the date the Commission mailed its original decision.¹ The Public Service Commission of Wisconsin must be named as respondent in the petition for judicial review.

If this decision is an order denying rehearing, a person aggrieved who wishes to appeal must seek judicial review rather than rehearing. A second petition for rehearing is not permitted.

Revised July 3, 2008

¹ See *State v. Currier*, 2006 WI App 12, 288 Wis. 2d 693, 709 N.W.2d 520.

APPENDIX A
(CONTESTED)

In order to comply with Wis. Stat. § 227.47, the following parties who appeared before the agency are considered parties for purposes of review under Wis. Stat. § 227.53.

Public Service Commission of Wisconsin
(Not a party but must be served)
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**MADISON GAS AND ELECTRIC COMPANY
ESTIMATED RETAIL ELECTRIC REVENUE
FOR THE TEST YEAR ENDING DEC. 31, 2009**

RATE CLASS		kWh SALES	PRESENT REVENUES ¹	PROPOSED REVENUES	DOLLAR CHANGE	PERCENT CHANGE
Rg-1	Residential	843,448,871	\$ 121,924,790	\$ 120,743,962	\$ (1,180,828)	-0.97%
Rg-2	Residential Time-of-Use	10,124,196	\$ 1,250,546	\$ 1,239,842	\$ (10,704)	-0.86%
Rw-1	Residential Controlled Water Heating	124,595	\$ 12,192	\$ 12,118	\$ (74)	-0.61%
Rg-3	Residential Lifeline (Closed)	151,107	\$ 17,964	\$ 17,785	\$ (179)	-1.00%
TOTAL RESIDENTIAL		853,848,769	\$ 123,205,492	\$ 122,013,707	\$ (1,191,786)	-0.97%
Cg-5	Small C&I Lighting and Power (<20 kW)	218,553,660	\$ 29,749,678	\$ 29,443,703	\$ (305,975)	-1.03%
Cg-3	Small C&I Optional Time-of-use (<20 kW)	5,911,630	\$ 717,127	\$ 711,059	\$ (6,068)	-0.85%
Cg-1A	C&I Lighting and Power (20-75 kW)	293,666,846	\$ 33,886,847	\$ 33,635,850	\$ (250,997)	-0.74%
Cg-1B	C&I Lighting and Power (76-200 kW)	316,759,214	\$ 34,303,825	\$ 34,033,186	\$ (270,639)	-0.79%
Cg-4A	C&I Optional Time-of-Use (20-75 kW)	11,433,836	\$ 1,118,340	\$ 1,110,579	\$ (7,761)	-0.69%
Cg-4B	C&I Optional Time-of-Use (76-200kW)	24,615,250	\$ 2,427,886	\$ 2,411,177	\$ (16,710)	-0.69%
TOTAL SMALL BUSINESS		870,940,436	\$ 102,203,703	\$ 101,345,554	\$ (858,150)	-0.84%
Cg-2	C&I Lighting and Power Time-of-Use (>200 kW)	866,664,321	\$ 79,485,673	\$ 79,009,655	\$ (476,018)	-0.60%
Cg-6	C&I Lighting and Power Large Annual HLF (>1 MW)	196,280,809	\$ 15,234,759	\$ 15,192,608	\$ (42,152)	-0.28%
Cp-1	C&I HLF Direct Control Interruptible - Trans. Volt.	98,471,698	\$ 4,531,774	\$ 4,531,458	\$ (317)	-0.01%
TOTAL LARGE BUSINESS		1,161,416,828	\$ 99,252,206	\$ 98,733,720	\$ (518,486)	-0.52%
Sp-3	University of Wisconsin Time-of-Use	386,557,847	\$ 29,984,910	\$ 29,899,067	\$ (85,843)	-0.29%
Sp-4	Oscar Mayer Foods Corporation Time-of-Use	73,739,585	\$ 5,653,307	\$ 5,638,288	\$ (15,018)	-0.27%
Sp-5	Capitol Heat, Light, and Power Time-of-Use	1,525,000	\$ 244,754	\$ 242,665	\$ (2,089)	-0.85%
TOTAL CONTRACT SERVICES		461,822,432	\$ 35,882,971	\$ 35,780,021	\$ (102,950)	-0.29%
Gf-1	General Flat Rate	4,113,277	\$ 461,031	\$ 457,427	\$ (3,603)	-0.78%
Mg-2	Secondary Service for Municipal Defense Sirens	0	\$ 3,452	\$ 3,423	\$ (29)	-0.84%
MLS	Athletic Field Lighting	496,352	\$ 61,290	\$ 60,833	\$ (457)	-0.75%
OL-1	Outdoor Overhead Lighting - Private Unmetered	1,754,328	\$ 456,416	\$ 452,135	\$ (4,281)	-0.94%
TOTAL MISCELLANEOUS AND LIGHTING		6,363,957	\$ 982,188	\$ 973,818	\$ (8,370)	-0.85%
SL-1	St. Lighting - Company-Owned & Maintained	826,366	\$ 203,098	\$ 201,508	\$ (1,590)	-0.78%
SL-2	St. Lighting - Cust.-Owned & Cust.-Maintained	4,474,811	\$ 461,486	\$ 458,847	\$ (2,639)	-0.57%
SL-3	St. Lighting - Cust.-Owned & Company-Maintained	4,468,526	\$ 664,924	\$ 660,451	\$ (4,472)	-0.67%
TOTAL STREET LIGHTING SERVICE		9,769,703	\$ 1,329,508	\$ 1,320,806	\$ (8,701)	-0.65%
BGS	Backup Generation Service	Included	\$ 592,496	\$ 592,496	\$ -	0.00%
RWE-1	Residential Wind Energy Program	in the #s	\$ 317,650	\$ 317,650	\$ -	0.00%
BWE-1	Business Wind Energy Program	above	\$ 86,570	\$ 86,570	\$ -	0.00%
TOTAL RETAIL ELECTRIC SALES REVENUE		3,364,162,125	\$ 363,852,785	\$ 361,164,342	\$ (2,688,443)	-0.74%
Interdepartmental		5,880,116	\$ 589,298	\$ 584,912	\$ (4,387)	-0.74%
TOTAL RETAIL ELEC. SALES REVENUE w/ INTERD.		3,370,042,241	\$ 364,442,083	\$ 361,749,254	\$ (2,692,829)	-0.74%

Note ¹: Present Revenue includes the Fuel Surcharge

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE		Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)		AUTHORIZED RATES		Monthly Equivalent
<u>RESIDENTIAL SERVICE Rg-1</u>							
Customer Charge		\$8.70	\$0.28590	per bill per day	\$0.28590	per bill per day	\$8.70
Distribution Charge			\$0.03100	per kWh	\$0.03100	per kWh	
Electricity Charges:	Winter		\$0.09485	" "	\$0.09345	" "	
	Summer		\$0.10535	" "	\$0.10395	" "	
<u>RESIDENTIAL TIME OF USE Rg-2</u>							
Customer Charge		\$8.70	\$0.28590	per bill per day	\$0.28590	per bill per day	\$8.70
Distribution Charge			\$0.03100	per kWh	\$0.03100	per kWh	
Electricity Charges							
On-Peak	Winter		\$0.18249	per kWh	\$0.18040	per kWh	
Off-Peak	Winter		\$0.03599	" "	\$0.03545	" "	
On-Peak	Summer		\$0.20739	" "	\$0.20530	" "	
Off-Peak	Summer		\$0.03599	" "	\$0.03545	" "	
<u>RESIDENTIAL CONTROLLED WATER HEATING Rw-1</u>							
Customer Charge		\$3.40	\$0.11190	per bill per day	\$0.11190	per bill per day	\$3.40
Distribution Charge			\$0.03100	per kWh	\$0.03100	per kWh	
Electricity Charges:	Winter		\$0.04570	" "	\$0.04510	" "	
	Summer		\$0.05209	" "	\$0.05150	" "	
<u>RESIDENTIAL LIFELINE Rg-3</u>							
Customer Charge		\$4.80	\$0.15780	per bill per day	\$0.15780	per bill per day	\$4.80
Distribution Charge			\$0.03100	per kWh	\$0.03100	per kWh	
Electricity Charges							
First 300 kWh per month	Winter		\$0.06028	per kWh	\$0.05923	per kWh	
Over 300 kWh per month	Winter		\$0.09485	" "	\$0.09345	" "	
First 300 kWh per month	Summer		\$0.06784	" "	\$0.06684	" "	
Over 300 kWh per month	Summer		\$0.10535	" "	\$0.10395	" "	
<u>SMALL C/I LIGHTING AND POWER Cg-5 (0-20 kW)</u>							
Customer Charge		\$8.70	\$0.28590	per bill per day	\$0.28590	per bill per day	\$8.70
Distribution Charge			\$0.03100	per kWh	\$0.03100	per kWh	
Electricity Charges:	Winter		\$0.09485	" "	\$0.09345	" "	
	Summer		\$0.10535	" "	\$0.10395	" "	
<u>SMALL C/I OPTIONAL TIME OF USE Cg-3 (<20 kW)</u>							
Customer Charge							
Single Phase		\$8.70	\$0.28590	per bill per day	\$0.28590	per bill per day	\$8.70
Three Phase			\$0.61480	" " " "	\$0.61480	" " " "	
Distribution Charge			\$0.03100	per kWh	\$0.03100	per kWh	
Electricity Charges							
On-Peak	Winter		\$0.18249	per kWh	\$0.18040	per kWh	
Off-Peak	Winter		\$0.03599	" "	\$0.03545	" "	
On-Peak	Summer		\$0.20739	" "	\$0.20530	" "	
Off-Peak	Summer		\$0.03599	" "	\$0.03545	" "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE		Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)		AUTHORIZED RATES		Monthly Equivalent
<u>C/I LIGHTING AND POWER SERVICE Cg-1 LEVEL A (20-75 kW)</u>							
Customer Charge		\$35.50	\$1.16720	per bill per day	\$1.16720	per bill per day	\$35.50
Distribution Charge							
Customer Maximum Demand		\$3.80	\$0.12493	per kW per day	\$0.12493	per kW per day	\$3.80
Max. Monthly Demand:	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
Non-Capped Energy:	Winter		\$0.06709	per kWh	\$0.06625	per kWh	
	Summer		\$0.07773	" "	\$0.07685	" "	
Act 141 \$ in Non-Lg.Cust. Rates			\$0.00163		\$0.00163	" "	
Capped Energy:	Winter		\$0.06551	per kWh	\$0.06467	per kWh	
	Summer		\$0.07615	" "	\$0.07527	" "	
Act 141 \$ in Lg.Cust. Rates			\$0.00005		\$0.00005	" "	
<u>C/I LIGHTING AND POWER SERVICE Cg-1 LEVEL B (76-200 kW)</u>							
Customer Charge		\$35.50	\$1.1672	per bill per day	\$1.16720	per bill per day	\$35.50
Distribution Charge							
Customer Maximum Demand		\$3.80	\$0.12493	per kW per day	\$0.12493	per kW per day	\$3.80
Electricity Charges							
Max. Monthly Demand:	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
Non-Capped Energy:	Winter		\$0.06709	per kWh	\$0.06625	per kWh	
	Summer		\$0.07773	" "	\$0.07685	" "	
Act 141 \$ in Non-Lg.Cust. Rates			\$0.00163		\$0.00163	" "	
Capped Energy:	Winter		\$0.06551	per kWh	\$0.06467	per kWh	
	Summer		\$0.07615	" "	\$0.07527	" "	
Act 141 \$ in Lg.Cust. Rates			\$0.00005		\$0.00005	" "	
<u>C/I LIGHTING AND POWER TIME-OF-USE SERVICE Cg-4 LEVEL A (20-75 kW)</u>							
Customer Charge							
Single Phase		\$40.00	\$1.31520	per bill per day	\$1.31520	per bill per day	\$40.00
Three Phase		\$51.70	\$1.69960	per bill per day	\$1.69960	per bill per day	\$51.70
Distribution Charge							
Customer Maximum Demand		\$3.80	\$0.12493	per kW per day	\$0.12493	per kW per day	\$3.80
Electricity Charges							
Max. Monthly Demand:	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
Non-Capped On-Pk Energy:	Winter		\$0.10003	per kWh	\$0.09935	per kWh	
	Summer		\$0.11042	" "	\$0.10975	" "	
Non-Capped Off-Pk Energy:	Winter		\$0.04838	" "	\$0.04770	" "	
	Summer		\$0.04838	" "	\$0.04770	" "	
Act 141 \$ in Non-Lg.Cust. Rates			\$0.00163		\$0.00163	" "	
Capped On-Pk.Energy:	Winter		\$0.09845	per kWh	\$0.09777	per kWh	
	Summer		\$0.10884	" "	\$0.10817	" "	
Capped Off-Pk.Energy:	Winter		\$0.04680	" "	\$0.04612	" "	
	Summer		\$0.04680	" "	\$0.04612	" "	
Act 141 \$ in Lg.Cust. Rates			\$0.00005		\$0.00005	" "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE		Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)		AUTHORIZED RATES		Monthly Equivalent
<u>C/I LIGHTING AND POWER TIME-OF-USE SERVICE Cg-4 LEVEL B (76-200 kW)</u>							
Customer Charge							
Single Phase		\$40.00	\$1.31520	per bill per day	\$1.31520	per bill per day	\$40.00
Three Phase		\$51.70	\$1.69960	per bill per day	\$1.69960	per bill per day	\$51.70
Distribution Charge							
Customer Maximum Demand		\$3.80	\$0.12493	per kW per day	\$0.12493	per kW per day	\$3.80
Electricity Charges							
Max. Monthly Demand:	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
Non-Capped On-Pk Energy:	Winter		\$0.10003	per kWh	\$0.09935	per kWh	
	Summer		\$0.11042	" "	\$0.10975	" "	
Non-Capped Off-Pk Energy:	Winter		\$0.04838	" "	\$0.04770	" "	
	Summer		\$0.04838	" "	\$0.04770	" "	
Act 141 \$ in Non-Lg.Cust. Rates			\$0.00163		\$0.00163	" "	
Capped On-Pk.Energy:	Winter		\$0.09845	per kWh	\$0.09777	per kWh	
	Summer		\$0.10884	" "	\$0.10817	" "	
Capped Off-Pk.Energy:	Winter		\$0.04680	" "	\$0.04612	" "	
	Summer		\$0.04680	" "	\$0.04612	" "	
Act 141 \$ in Lg.Cust. Rates			\$0.00005		\$0.00005	" "	
<u>C/I LIGHTING AND POWER SERVICE TIME-OF-USE CG-2 (OVER 200 kW)</u>							
Customer Charge		\$159.00	\$5.22740	per bill per day	\$5.22740	per bill per day	\$159.00
Distribution Charges							
Customer Maximum Demand		\$4.55	\$0.14959	per kW per day	\$0.14959	per kW per day	\$4.55
Electricity Charges							
Max. Monthly Demand:	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
Non-Capped On-Pk Energy:	Winter		\$0.07941	per kWh	\$0.07890	per kWh	
	Summer		\$0.08773	" "	\$0.08720	" "	
Non-Capped Off-Pk Energy:	Winter		\$0.04766	" "	\$0.04709	" "	
	Summer		\$0.04766	" "	\$0.04709	" "	
Act 141 \$ in Non-Lg.Cust. Rates			\$0.00163		\$0.00163	" "	
Capped On-Pk.Energy:	Winter		\$0.07780	per kWh	\$0.07729	per kWh	
	Summer		\$0.08612	" "	\$0.08559	" "	
Capped Off-Pk.Energy:	Winter		\$0.04605	" "	\$0.04548	" "	
	Summer		\$0.04605	" "	\$0.04548	" "	
Act 141 \$ in Lg.Cust. Rates			\$0.00002		\$0.00002	" "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE		Monthly Equivalent	PRESENT RATES (includes Fuel Surcharge)		AUTHORIZED RATES		Monthly Equivalent
<u>C/I LIGHTING AND POWER SERVICE TIME-OF-USE HLF CG-6 (OVER 1000 kW)</u>							
Customer Charge		\$159.00	\$5.2274	per bill per day	\$5.2274	per bill per day	\$159.00
Distrib. Charges	Cust. Max .kW	\$4.65	\$0.15288	per kW per day	\$0.15288	per kW per day	\$4.65
Electricity Charges							
Max. Monthly Demand:	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
Non-Capped On-Pk Energy:	Winter		\$0.07237	per kWh	\$0.07215	per kWh	
	Summer		\$0.07968	" "	\$0.07945	" "	
Non-Capped Off-Pk Energy:	Winter		\$0.04736	" "	\$0.04715	" "	
	Summer		\$0.04736	" "	\$0.04715	" "	
Act 141 \$ in Non-Lg.Cust. Rates			\$0.00163		\$0.00163	" "	
Capped On-Pk.Energy:	Winter		\$0.07076	per kWh	\$0.07054	per kWh	
	Summer		\$0.07807	" "	\$0.07784	" "	
Capped Off-Pk.Energy:	Winter		\$0.04575	" "	\$0.04554	" "	
	Summer		\$0.04575	" "	\$0.04554	" "	
Act 141 \$ in Lg.Cust. Rates			\$0.00002		\$0.00002	" "	
<u>C/I HIGH LOAD FACTOR DIRECT CONTROL INTERRUPTIBLE SERVICE TRANS. VOLTAGE Cp-1</u>							
Customer Charge		\$650.00	\$21.37000	per bill per day	\$21.37000	per bill per day	\$650.00
Distribution Charges			None		None		
Electricity Charges							
Max. Monthly Demand:	Winter	\$2.20	\$0.07233	per kW per day	\$0.07233	per kW per day	\$2.20
	Summer	\$2.75	\$0.09041	" " " "	\$0.09041	" " " "	\$2.75
On-Peak Energy	Winter		\$0.05101	per kWh	\$0.05100	per kWh	
	Summer		\$0.06111	" "	\$0.06110	" "	
Off-peak Energy	Winter		\$0.03543	" "	\$0.03543	" "	
	Summer		\$0.03543	" "	\$0.03543	" "	
Act 141 \$ in Base Rates			\$0.00001		\$0.00001	" "	
<u>UNIVERSITY OF WISCONSIN TIME-OF-USE SP-3</u>							
Customer Charge		\$6,360.00	\$209.0958	per bill per day	\$209.0958	per bill per day	\$6,360.00
Distrib. Charges	Cust.Max.kW	\$3.30	\$0.10849	per kW per day	\$0.10849	per kW per day	\$3.30
Electricity Charges							
Max. Monthly Demand:	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
On-Peak Energy	Winter		\$0.07286	per kWh	\$0.07262	per kWh	
	Summer		\$0.07817	" "	\$0.07792	" "	
Off-peak Energy	Winter		\$0.04833	" "	\$0.04812	" "	
	Summer		\$0.04833	" "	\$0.04812	" "	
Act 141 \$ in Base Rates			\$0.00002		\$0.00002	" "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE		Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)		AUTHORIZED RATES		Monthly Equivalent
<u>OSCAR MAYER TIME-OF-USE SP-4</u>							
Customer Charge		\$239.00	\$7.85760	per day per bill	\$7.85760	per day per bill	\$239.00
Distribution Charges							
Customer Maximum Demand		\$3.35	\$0.11020	per kW per day	\$0.11020	per kW per day	\$3.35
Electricity Charges							
Firm Contract Demand	Winter	\$6.95	\$0.22850	per kW per day	\$0.22850	per kW per day	\$6.95
	Summer	\$8.50	\$0.27960	" " " "	\$0.27960	" " " "	\$8.50
On-Peak Energy	Winter		\$0.07103	per kWh	\$0.07082	per kWh	
	Summer		\$0.07733	" "	\$0.07712	" "	
Off-peak Energy	Winter		\$0.04577	" "	\$0.04557	" "	
	Summer		\$0.04577	" "	\$0.04557	" "	
Supplemental Energy	Winter		\$0.07103	" "	\$0.07082	" "	
	Summer		\$0.07733	" "	\$0.07712	" "	
Act 141 \$ in Base Rates			\$0.00002		\$0.00002	" "	
<u>CAPITOL HEATING TIME-OF-USE SP5</u>							
Customer Charge		\$652.00	\$21.43570	per day per bill	\$21.43570	per day per bill	\$652.00
Distribution Charges							
Customer Maximum Demand		\$3.30	\$0.10840	per kW per day	\$0.10840	per kW per day	\$3.30
Electricity Charges							
Max. Monthly Demand:	Winter	\$8.15	\$0.26780	per kW per day	\$0.26780	per kW per day	\$8.15
	Summer	\$9.75	\$0.32040	" " " "	\$0.32040	" " " "	\$9.75
Non-Capped On-Pk Energy:	Winter		\$0.07678	per kWh	\$0.07540	per kWh	
	Summer		\$0.08118	" "	\$0.07980	" "	
Non-Capped Off-Pk Energy:	Winter		\$0.04736	" "	\$0.04600	" "	
	Summer		\$0.04736	" "	\$0.04600	" "	
Act 141 \$ in Non-Lg.Cust. Rates			\$0.00163		\$0.00163		
Capped On-Pk.Energy:	Winter		\$0.07515	per kWh	\$0.07377	per kWh	
	Summer		\$0.07955	" "	\$0.07817	" "	
Capped Off-Pk.Energy:	Winter		\$0.04573	" "	\$0.04437	" "	
	Summer		\$0.04573	" "	\$0.04437	" "	
Act 141 \$ in Lg.Cust. Rates			\$0.00000		\$0.00000	" "	
<u>SUMMER CURTAILABLE SERVICE (SCS)</u>							
Cg-1 Summer Interruptible kW		(\$6.00)	(\$0.19726)	per kW per day	(\$0.19726)	per kW per day	(\$6.00)
Cg-4 Summer Interruptible kW		(\$6.00)	(\$0.19726)	" " " "	(\$0.19726)	" " " "	(\$6.00)
Cg-2 Summer Interruptible kW		(\$6.00)	(\$0.19726)	" " " "	(\$0.19726)	" " " "	(\$6.00)
Cg-6 Summer Interruptible kW		(\$6.00)	(\$0.19726)	" " " "	(\$0.19726)	" " " "	(\$6.00)
Sp-3 Summer Interruptible kW		(\$6.00)	(\$0.19726)	" " " "	(\$0.19726)	" " " "	(\$6.00)

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE	Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)	AUTHORIZED RATES	Monthly Equivalent
<u>INTERRUPTIBLE SERVICE RIDER Is-1</u>				
<u>Variable Pricing</u>				
Cg-2 Interruptible kW	(\$3.75)	(\$0.12329) per kW per day	(\$0.12329) per kW per day	(\$3.75)
Cg-6 Interruptible kW	(\$3.75)	(\$0.12329) " " " "	(\$0.12329) " " " "	(\$3.75)
Sp-3 Interruptible kW	(\$3.75)	(\$0.12329) " " " "	(\$0.12329) " " " "	(\$3.75)
<u>Fixed Pricing</u>				
Cg-2 Interruptible kW	(\$3.00)	(\$0.09863) per kW per day	(\$0.09863) per kW per day	(\$3.00)
Cg-6 Interruptible kW	(\$3.00)	(\$0.09863) " " " "	(\$0.09863) " " " "	(\$3.00)
Sp-3 Interruptible kW	(\$3.00)	(\$0.09863) " " " "	(\$0.09863) " " " "	(\$3.00)
<u>DIRECT CONTROL INTERRUPTIBLE SERVICE RIDER Is-2</u>				
<u>Variable Pricing</u>				
Cg-1 Interruptible kW	(\$4.00)	(\$0.13151) per kW per day	(\$0.13151) per kW per day	(\$4.00)
Cg-4 Interruptible kW	(\$4.00)	(\$0.13151) " " " "	(\$0.13151) " " " "	(\$4.00)
Cg-2 Interruptible kW	(\$4.00)	(\$0.13151) " " " "	(\$0.13151) " " " "	(\$4.00)
Cg-6 Interruptible kW	(\$4.00)	(\$0.13151) " " " "	(\$0.13151) " " " "	(\$4.00)
Sp-3 Interruptible kW	(\$4.00)	(\$0.13151) " " " "	(\$0.13151) " " " "	(\$4.00)
<u>Fixed Pricing</u>				
Cg-1 Interruptible kW	(\$3.25)	(\$0.10685) per kW per day	(\$0.10685) per kW per day	(\$3.25)
Cg-4 Interruptible kW	(\$3.25)	(\$0.10685) " " " "	(\$0.10685) " " " "	(\$3.25)
Cg-2 Interruptible kW	(\$3.25)	(\$0.10685) " " " "	(\$0.10685) " " " "	(\$3.25)
Cg-6 Interruptible kW	(\$3.25)	(\$0.10685) " " " "	(\$0.10685) " " " "	(\$3.25)
Sp-3 Interruptible kW	(\$3.25)	(\$0.10685) " " " "	(\$0.10685) " " " "	(\$3.25)
<u>MISCELLANEOUS FLAT RATE SERVICE GF-1</u>				
LEVEL I Telephone Booths		\$6.43 per bill per unit	\$6.38 per bill per unit	
LEVEL II CATV Amplifiers		\$64.67 " " " "	\$64.13 " " " "	
LEVEL III Unmetered Service				
Customer Charge	\$8.70	\$0.28590 per day per bill	\$0.28590 per day per bill	\$8.70
Distribution Service		\$0.03100 per kWh	\$0.03100 per kWh	
Electricity Service		\$0.07619 " "	\$0.07530 " "	
<u>SECONDARY SERVICE FOR MUNICIPAL DEFENSE SIRENS Mg-2</u>				
Motor-Driven Sirens		\$3.44 per bill per unit	\$3.41 per bill per unit	
Electronic Sirens		\$4.99 " " " "	\$4.95 " " " "	
<u>ATHLETIC FIELD LIGHTING MLS</u>				
Customer Charge	\$8.70	\$0.28590 per day per bill	\$0.28590 per day per bill	\$8.70
Distribution Charge		\$0.03100 per kWh	\$0.03100 per kWh	
Electric Charge		\$0.08772 " "	\$0.08680 " "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE	Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)	AUTHORIZED RATES	Monthly Equivalent
<u>OUTDOOR OVERHEAD LIGHTING SERVICE -- OL-1 (PRIVATE UNMETERED)</u>				
<u>DUSK-TO-DAWN YARD LIGHTING</u>				
70 WATT HPS LAMPS		\$10.98 per lamp per bill	\$10.85 per lamp per bill	
100 WATT HPS LAMPS		\$11.82 " " " "	\$11.68 " " " "	
150 WATT HPS LAMPS		\$13.19 " " " "	\$13.03 " " " "	
175 WATT MV LAMPS		\$13.79 " " " "	\$13.62 " " " "	
250 WATT MV LAMPS		\$15.88 " " " "	\$15.69 " " " "	
400 WATT MV LAMPS		\$19.54 " " " "	\$19.31 " " " "	
<u>SECURITY FLOOD LIGHTING</u>				
70 WATT HPS LAMPS		\$12.20 per lamp per bill	\$12.05 per lamp per bill	
150 WATT HPS LAMPS		\$15.10 " " " "	\$14.92 " " " "	
250 WATT HPS LAMPS		\$18.62 " " " "	\$18.40 " " " "	
400 WATT HPS LAMPS		\$22.57 " " " "	\$22.30 " " " "	
70 WATT MH LAMPS		\$12.20 " " " "	\$12.05 " " " "	
150 WATT MH LAMPS		\$15.10 " " " "	\$14.92 " " " "	
250 WATT MH LAMPS		\$18.62 " " " "	\$18.40 " " " "	
400 WATT MH LAMPS		\$22.57 " " " "	\$22.30 " " " "	
POLES Wood		\$7.00 per pole per bill	\$7.00 per pole per bill	
Non-Wood		\$13.00 " " " "	\$13.00 " " " "	
<u>STREET LIGHTING SERVICE -- SL-1 (COMPANY OWNED AND COMPANY MAINTAINED)</u>				
Distribution Service Charge		\$2.85 per lamp per bill	\$2.85 per lamp per bill	
Electricity Service Unit Charge		\$0.05953 per kWh	\$0.05890 per kWh	
<u>OVERHEAD SERVICE (Facilities Charges)</u>				
175 WATT MV		\$6.40 per lamp per bill	\$6.34 per lamp per bill	
250 WATT MV		\$6.50 " " " "	\$6.44 " " " "	
400 WATT MV		\$8.40 " " " "	\$8.32 " " " "	
70 WATT HPS		\$4.70 " " " "	\$4.65 " " " "	
100 WATT HPS		\$4.80 " " " "	\$4.75 " " " "	
150 WATT HPS		\$5.40 " " " "	\$5.35 " " " "	
200 WATT HPS		\$6.30 " " " "	\$6.24 " " " "	
250 WATT HPS		\$7.00 " " " "	\$6.93 " " " "	
300 WATT INC		\$7.00 " " " "	\$6.93 " " " "	
MIDNIGHT				
400 WATT MV MN		\$8.40 " " " "	\$8.32 " " " "	
<u>UNDERGROUND SERVICE (Facilities Charges)</u>				
70 WATT HPS ANEN		\$15.10 per lamp per bill	\$14.95 per lamp per bill	
100 WATT HPS ANEN		\$15.20 " " " "	\$15.05 " " " "	
150 WATT HPS ANEN		\$15.40 " " " "	\$15.25 " " " "	
200 WATT HPS ANEN		\$15.60 " " " "	\$15.44 " " " "	
250 WATT HPS ANEN		\$16.30 " " " "	\$16.14 " " " "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE	Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)	AUTHORIZED RATES	Monthly Equivalent
<u>STREET LIGHTING SERVICE -- SL-2 (CUSTOMER OWNED AND CUSTOMER MAINTAINED)</u>				
Distribution Service Charge		\$2.85 per lamp per bill	\$2.85 per lamp per bill	
Electricity Service Unit Charge		\$0.05953 per kWh	\$0.05890 per kWh	
<u>Note: Below are the monthly SL-2 charges/lamp resulting from the Distribution Service & Electricity Service Charges, above)</u>				
<u>ALL NIGHT</u>				
100-WATT MV ANEN		\$5.17 per lamp per bill	\$5.15 per lamp per bill	
175-WATT MV ANEN		\$6.90 " " " "	\$6.86 " " " "	
250-WATT MV ANEN		\$8.51 " " " "	\$8.45 " " " "	
400-WATT MV ANEN		\$11.92 " " " "	\$11.80 " " " "	
70-WATT HPS ANEN		\$4.52 " " " "	\$4.50 " " " "	
100-WATT HPS ANEN		\$5.17 " " " "	\$5.15 " " " "	
150-WATT HPS ANEN		\$6.24 " " " "	\$6.21 " " " "	
200-WATT HPS ANEN		\$7.31 " " " "	\$7.27 " " " "	
250-WATT HPS ANEN		\$8.51 " " " "	\$8.45 " " " "	
400-WATT HPS ANEN		\$11.60 " " " "	\$11.51 " " " "	
35-WATT LPS ANEN		\$3.68 " " " "	\$3.67 " " " "	
55-WATT LPS ANEN		\$4.10 " " " "	\$4.09 " " " "	
90-WATT LPS ANEN		\$4.93 " " " "	\$4.91 " " " "	
50-WATT MH ANEN		\$4.10 " " " "	\$4.09 " " " "	
70-WATT MH ANEN		\$4.52 " " " "	\$4.50 " " " "	
100-WATT MH ANEN		\$5.17 " " " "	\$5.15 " " " "	
175-WATT MH ANEN		\$6.84 " " " "	\$6.80 " " " "	
<u>MIDNIGHT SCHEDULE</u>				
250-WATT MV MN		\$5.71 per lamp per bill	\$5.68 per lamp per bill	
400-WATT MV MN		\$7.37 " " " "	\$7.33 " " " "	
70-WATT HPS MN		\$3.68 " " " "	\$3.67 " " " "	
100-WATT HPS MN		\$4.04 " " " "	\$4.03 " " " "	
150-WATT HPS MN		\$4.58 " " " "	\$4.56 " " " "	
200-WATT HPS MN		\$5.11 " " " "	\$5.09 " " " "	
250-WATT HPS MN		\$5.71 " " " "	\$5.68 " " " "	
400-WATT HPS MN		\$7.20 " " " "	\$7.15 " " " "	
35-WATT LPS MN		\$3.21 " " " "	\$3.26 " " " "	
55-WATT LPS MN		\$3.50 " " " "	\$3.50 " " " "	
90-WATT LPS MN		\$3.92 " " " "	\$3.91 " " " "	
50-WATT MH MN		\$3.45 " " " "	\$3.44 " " " "	
70-WATT MH MN		\$3.68 " " " "	\$3.67 " " " "	
100-WATT MH MN		\$4.04 " " " "	\$4.03 " " " "	
175-WATT MH MN		\$4.81 " " " "	\$4.79 " " " "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE	Monthly Equivalent	PRESENT RATES (Includes Fuel Surcharge)	AUTHORIZED RATES	Monthly Equivalent
<u>STREET LIGHTING SERVICE -- SL-2 (CUSTOMER OWNED & MAINTAINED) (Continued)</u>				
<u>10:30 P.M. SCHEDULE</u>				
400-WATT MV 10:30		\$6.12 per lamp per bill	\$6.09 per lamp per bill	
70-WATT HPS 10:30		\$3.45 " " " "	\$3.44 " " " "	
100-WATT HPS 10:30		\$3.68 " " " "	\$3.67 " " " "	
150-WATT HPS 10:30		\$4.10 " " " "	\$4.09 " " " "	
200-WATT HPS 10:30		\$4.46 " " " "	\$4.44 " " " "	
250-WATT HPS 10:30		\$4.87 " " " "	\$4.85 " " " "	
400-WATT HPS 10:30		\$6.01 " " " "	\$5.97 " " " "	
<u>3:00 A.M. SCHEDULE</u>				
100-WATT MV 3AM		\$4.58 per lamp per bill	\$4.56 per lamp per bill	
70-WATT HPS 3AM		\$4.10 " " " "	\$4.09 " " " "	
100-WATT HPS 3AM		\$4.58 " " " "	\$4.56 " " " "	
150-WATT HPS 3AM		\$5.41 " " " "	\$5.38 " " " "	
200-WATT HPS 3AM		\$6.24 " " " "	\$6.21 " " " "	
250-WATT HPS 3AM		\$7.08 " " " "	\$7.03 " " " "	
400-WATT HPS 3AM		\$9.40 " " " "	\$9.33 " " " "	
70-WATT MH 3AM		\$4.10 " " " "	\$4.09 " " " "	
100-WATT MH 3AM		\$4.58 " " " "	\$4.56 " " " "	
175-WATT MH 3AM		\$5.83 " " " "	\$5.80 " " " "	
<u>STREET LIGHTING SERVICE -- SL-3 (CUSTOMER OWNED AND COMPANY MAINTAINED)</u>				
Distribution Service Charge		\$2.85 per lamp per bill	\$2.85 per lamp per bill	
Electricity Service Unit Charge		\$0.05953 per kWh	\$0.05890 per kWh	
<u>OVERHEAD SERVICE (Maintenance Charges)</u>				
<u>ALL NIGHT SCHEDULE</u>				
70 WATT HPS ANEN		\$1.10 per lamp per bill	\$1.08 per lamp per bill	
100 WATT HPS ANEN		\$1.10 " " " "	\$1.08 " " " "	
150 WATT HPS ANEN		\$1.10 " " " "	\$1.08 " " " "	
200 WATT HPS ANEN		\$1.50 " " " "	\$1.48 " " " "	
250 WATT HPS ANEN		\$1.50 " " " "	\$1.48 " " " "	
<u>OVERHEAD SERVICE (Maintenance Charges)</u>				
<u>MIDNIGHT SCHEDULE</u>				
70 WATT HPS MN		\$1.10 per lamp per bill	\$1.08 per lamp per bill	
100 WATT HPS MN		\$1.10 " " " "	\$1.08 " " " "	
150 WATT HPS MN		\$1.10 " " " "	\$1.08 " " " "	
200 WATT HPS MN		\$1.20 " " " "	\$1.20 " " " "	
250 WATT HPS MN		\$1.50 " " " "	\$1.48 " " " "	

**MADISON GAS AND ELECTRIC COMPANY
PRESENT & AUTHORIZED RATES**

TYPE OF SERVICE	Monthly Equivalent	PRESENT RATES (includes Fuel Surcharge)	AUTHORIZED RATES	Monthly Equivalent
<u>STREET LIGHTING SERVICE -- SL-3 (CUSTOMER OWNED AND COMPANY MAINTAINED) (Continued)</u>				
<u>UNDERGROUND SERVICE (Maintenance Charges)</u>				
<u>ALL NIGHT SCHEDULE</u>				
175 WATT MV ANEN		\$1.10 per lamp per bill	\$1.08 per lamp per bill	
250 WATT MV ANEN		\$1.50 " " " "	\$1.48 " " " "	
70 WATT HPS ANEN		\$1.10 " " " "	\$1.08 " " " "	
100 WATT HPS ANEN		\$1.10 " " " "	\$1.08 " " " "	
150 WATT HPS ANEN		\$1.10 " " " "	\$1.08 " " " "	
200 WATT HPS ANEN		\$1.50 " " " "	\$1.48 " " " "	
250 WATT HPS ANEN		\$1.50 " " " "	\$1.48 " " " "	
<u>MIDNIGHT SCHEDULE</u>				
100 WATT HPS MN		\$1.10 " " " "	\$1.08 " " " "	
150 WATT HPS MN		\$1.10 " " " "	\$1.08 " " " "	
250 WATT HPS MN		\$1.50 " " " "	\$1.48 " " " "	
<u>BACKUP GENERATION SERVICE (BGS)</u>				
Diesel Generators	\$1.50	\$0.04932 per kW per day	\$0.04932 per kW per day	\$1.50
Diesel Generators - New Contract	\$2.00	\$0.06575 " " " "	\$0.06575 " " " "	\$2.00
Natural Gas Generators	\$3.50	\$0.11507 " " " "	\$0.11507 " " " "	\$3.50
Natural Gas Generators - New	\$4.00	\$0.13151 " " " "	\$0.13151 " " " "	\$4.00
<u>RESIDENTIAL WIND ENERGY (RWE-1)</u>				
Incremental Charge for Wind Energy		\$0.01000 per kWh	\$0.01000 per kWh	
<u>BUSINESS WIND ENERGY (BWE-1)</u>				
Incremental Charge for Wind Energy		\$0.01000 per kWh	\$0.01000 per kWh	
<u>PARALLEL GENERATION (Pg-1)</u>				
Customer Charge				
Single Phase	\$7.00	\$0.23010 per bill per day	\$0.23010 per bill per day	\$7.00
Three Phase	\$8.30	\$0.27290 " " " "	\$0.27290 " " " "	\$8.30
ENERGY PAYMENTS TO CUSTOMER:				
Electric Charge				
Primary Service, On-Peak		\$0.06252 per kWh	\$0.06252 per kWh	
Primary Service, Off-Peak		\$0.04376 " "	\$0.04376 " "	
Secondary Service, On-Peak		\$0.06199 " "	\$0.06199 " "	
Secondary Service, Off-Peak		\$0.04346 " "	\$0.04346 " "	
<u>PRIMARY & TRANSFORMER DISCOUNTS (Applicable to certain C/I customer classes)</u>				
Pri. Voltage Energy Discount		(\$0.00100) per kWh	(\$0.00100) per kWh	
Pri. Voltage Demand Discount	(\$0.00328)	(\$0.00011) per kW per day	(\$0.00011) per kW per day	(\$0.00328)
Transformer Demand Discount	(\$0.10)	(\$0.00328) " " " "	(\$0.00328) " " " "	(\$0.10)

Madison Gas and Electric Company

Monitored Fuel Costs for 2009

<u>Month</u>	<u>Fuel Costs</u>	<u>kWh</u>	<u>\$ / kWh</u>	<u>Cumulative \$ / kWh</u>
January	\$ 11,941,000	289,802,000	\$ 0.04120	\$ 0.04120
February	\$ 11,370,000	268,826,000	\$ 0.04230	\$ 0.04173
March	\$ 10,747,000	270,392,000	\$ 0.03975	\$ 0.04108
April	\$ 8,423,000	263,200,000	\$ 0.03200	\$ 0.03889
May	\$ 8,100,000	279,452,000	\$ 0.02899	\$ 0.03688
June	\$ 9,547,000	282,280,000	\$ 0.03382	\$ 0.03635
July	\$ 14,106,000	361,527,000	\$ 0.03902	\$ 0.03683
August	\$ 11,941,000	323,485,000	\$ 0.03691	\$ 0.03684
September	\$ 10,049,000	299,085,000	\$ 0.03360	\$ 0.03648
October	\$ 9,860,000	290,138,000	\$ 0.03398	\$ 0.03623
November	\$ 8,013,000	261,529,000	\$ 0.03064	\$ 0.03577
December	\$ 9,142,000	293,454,000	\$ 0.03115	\$ 0.03538
Total	<u>\$ 123,239,000</u>	<u>3,483,170,000</u>	<u>\$ 0.03538</u>	<u>\$ 0.03538</u>